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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/831,196	05/07/2001	Jean-Francois Bodet	7343M	1416

27752 7590 01/29/2003

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EXAMINER

BOYER, CHARLES I

ART UNIT	PAPER NUMBER
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1751

DATE MAILED: 01/29/2003

5

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.  
09/831,196

Applicant(s)  
Bodet et al

Examiner  
Charles Boyer

Art Unit  
1751



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on May 7, 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 17-34 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 17-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 5/7/01 is/are a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\*See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s). 4 6) ☐ Other:

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## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 17-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Hansmann,

WO 97/16,263.

Hansmann teaches a process for cleaning workpiece surfaces by using ultrasound and a cleaning fluid (see abstract). An example of such a cleaning fluid comprises water, surfactants, and builders (page 12, example). As this reference meets all material limitations of the claims at hand, the reference is anticipatory. With respect to additional components claimed in claims 22-29, the examiner notes these are optional components only.

3. Claims 17-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Chavannes, GB 2,204,321.

Chavannes teaches biodegradable liquid detergent compositions (see abstract). The invention includes a process for the ultrasonic cleaning of articles by immersing the articles in a

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cleaning bath comprising water, surfactants, and builders (page 11, claims 1 and 14). As this reference meets all material limitations of the claims at hand, the reference is anticipatory.

4. Claims 17-34 are rejected under 35 U.S.C. 102(b) as being anticipated by DeSenna, US 5,529,788.

DeSenna teaches effervescent cleaning tablets for use in ultrasonic cleaning equipment (see abstract). An example of such a composition comprises surfactants and builders (col. 4, example). As this reference meets all material limitations of the claims at hand, the reference is anticipatory.

5. Claims 17-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Fuesting, US 4,448,750.

Fuesting teaches a process for sterilizing objects wherein an object is simultaneously subjected to a sterilizing liquid and ultrasonic radiation (see abstract). An example of such a sterilizing liquid comprises water, a surfactant, and carbamide (col. 10, claim 11). As this reference meets all material limitations of the claims at hand, the reference is anticipatory.

6. Claims 17-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Voit, US 4,308,229.

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Voit teaches a process for sterilizing objects wherein an object is simultaneously subjected to a sterilizing liquid and ultrasonic radiation (see abstract). An example of such a sterilizing liquid comprises surfactants and isopropanol (col. 7, claim 1). As this reference meets all material limitations of the claims at hand, the reference is anticipatory.

7. Claims 17-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Awad, US 5,464,477.

Awad teaches a process for cleaning ferrous surfaces wherein an object is subjected to an ultrasonically agitated cleaning solution (see abstract). An example of such a cleaning solution comprises solvents and surfactants (col. 8, example 4). As this reference meets all material limitations of the claims at hand, the reference is anticipatory.

8. Claims 17-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Motson, US 5,770,550.

Motson teaches a method for cleaning hard surfaces (see abstract). An example of such a method cleans a surface with a surfactant composition and ultrasonic energy (col. 12, claims 12, 14, and 15). As this reference meets all material limitations of the claims at hand, the reference is anticipatory.

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9. Claims 17-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Tomaszewski, US 5,372,741.

Tomaszewski teaches a process for cleaning workpiece surfaces by using ultrasound and a cleaning fluid (see abstract). An example of such a cleaning fluid comprises water, surfactants, and builders (col. 5, example 2). As this reference meets all material limitations of the claims at hand, the reference is anticipatory.

10. Claims 17-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Kitazawa et al, US 5,350,457.

Kitazawa et al, US 5,350,457 teaches a process for cleaning workpiece surfaces by using ultrasound and a cleaning fluid (see abstract). An example of such a cleaning fluid comprises water, surfactants, and a buffer (col. 7, example 18). As this reference meets all material limitations of the claims at hand, the reference is anticipatory.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Boyer whose telephone number is (703) 308-2524. The examiner can normally be reached on Monday-Friday from 9:30 AM - 6:00 PM.

If reasonable attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yogendra Gupta, can be reached on (703) 308-4708. The fax phone number for this

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Group is (703) 872-9310 for non-after-final amendments and (703) 872-9311 for after-final amendments.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0661.

Charles Boyer

A handwritten signature in cursive script that reads "Charles Boyer". The signature is written in dark ink and is positioned to the right of the printed name "Charles Boyer".

January 22, 2003